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Description ¶¶

Ambroxol hydrochloride

Anemone Toxin II >95%, lyophilized powder

APE 1-2 >95%, lyophilized powder

APE 2-1 >98%, lyophilized powder

ATX II recombinant, from *Escherichia coli* ≥98%, lyophilized powder

Biochem/physiol Actions

Metabolite of bromhexine. A Nav1.8-preferring **sodium c**

Originally isolated from *Anem*. Voltage-gated **sodium chann**

Cardiotoxin. Less potent than

Cardiotoxin that modulates the channels in neuroblastoma ce

rATX II is a 47 amino acid pep *Anemonia sulcata* sea anemo neurotoxin, which modulates gating kinetics by delaying its action potential of excitable m as a powerful activator of TTX channels in various excitable I concentration range of 10-10C

» Nutrition Research		
» Proteomics	Benzamil hydrochloride hydrate $\geq 98\%$ (HPLC)	Selective and potent blocker c
» Learning Center		
» Life Science Services	Benzocaine	
	Benzoylheteratisine hydrochloride $\geq 97\%$ (TLC), solid	A Na ⁺ channel blocker; poten
	BIA 2-093 $\geq 98\%$ (HPLC), solid	Blocker of voltage-gated sodi excitatory amino acid (glutam
	Brevetoxin 2	Potent toxins responsible for " compounds disrupt neurotrans channels.
	Brevetoxin 9	Potent toxins responsible for " compounds disrupt neurotrans channels.
	Bupivacaine hydrochloride $\geq 99\%$	Sodium channel blocker, loca
	Carbamazepine powder	Anticonvulsant; ligand for the modulatory site. Sodium channel inhibitor
	Carbamazepine meets USP testing specifications	Anticonvulsant; ligand for the modulatory site. Sodium channel inhibitor
	Conotoxin GI $\geq 97\%$ (HPLC)	Postsynaptic inhibitor at the r
	3',4'-Dichlorobenzamil hydrochloride $>98\%$ (HPLC)	Inhibits Na ⁺ /Ca ²⁺ exchanger, I reticulum Ca ²⁺ release channe
	Dihydroouabain	Cardiac glycoside; an inhibite
	Disopyramide	Class IA antiarrhythmic; sodi
	Disopyramide phosphate salt	Class IA antiarrhythmic; sodi
	Encainide hydrochloride $\geq 98\%$ (HPLC), powder	Encainide hydrochloride is a s lc antiarrhythmic. Encainide is benzanilide derivative.
	Flecainide acetate salt	Class IC antiarrhythmic agent;
	Grayanotoxin III Hemi(ethyl acetate) adduct $\geq 90\%$ (GC)	Sodium channel modulator
	Halofantrine hydrochloride $\geq 98\%$ (HPLC), solid	Halofantrine is a blocker of de via the inhibition of hERG cha

KR-32568 $\geq 98\%$ (HPLC), solid	Sodium /hydrogen exchanger- μM ; inhibited NHE-1-mediated anesthetized rats, reduced infarct size by 43% (at 0.1 mg/kg) and 24% (at 1.0 mg/kg); reduced ventricular premature beats from 115 (at 1.0 mg/kg) to 17 to 8 (0.1 mg/kg) and 0 (1.0 mg/kg) and treatment of myocardial ischemia
Lappaconitine hydrobromide 96%, solid	Selective blocker of the TTX-sensitive Na^+ channel; influence on the activation threshold
Lidocaine powder	Na^+ channel blocker; class IB antiarrhythmic; absorbed after parenteral administration
Lidocaine Sigma Reference Standard	Na^+ channel blocker; class IB antiarrhythmic; absorbed after parenteral administration
Lidocaine hydrochloride monohydrate solid	Na^+ channel blocker; class IB antiarrhythmic; absorbed after parenteral administration
Lidocaine N-ethyl chloride	Lidocaine N-ethyl chloride is a sodium channel blocker.
Lidocaine N-methyl chloride	Intracellular voltage-gated sodium channel blocker
R(-)-Me5 hydriodide solid	Potent sodium channel antagonist
Mepivacaine hydrochloride 98.0-102.0%, meets USP testing specifications	Local anesthetic. Reversibly blocks Na^+ current as well as the steady-state K^+ current (TASK) and Kv1.5, potassium channels
Metolazone $\geq 98\%$ (HPLC), solid	Inhibitor of thiazide-sensitive Na^+ channel; antihypertensive; moderate "local anesthetic" activity
Mexiletine hydrochloride >98% (GC), powder	Class IB antiarrhythmic; sodium channel blocker
Ouabain octahydrate $\geq 95\%$ (HPLC), powder	Cardiac glycoside, inhibits Na^+ ATPase, increases transcription of MDR (increases resistance to multidrug resistance) and decrease CFTR, cyclic fibroblast growth factor receptor (activated Cl^- channel) genes, Ouabain resistance is associated with ATPase isoforms with low binding affinity
α -Pompilidotoxin >98%	Voltage-gated sodium channel blocker
β -Pompilidotoxin $\geq 98\%$	Voltage-gated sodium channel blocker
Procainamide hydrochloride	Inhibits DNA methyltransferase regulation of gene expression. IA anti-arrhythmic.

Procaine hydrochloride $\geq 97\%$	Na ⁺ channel blocker
Propafenone hydrochloride	Blocks hKv1.5 and ATP-sensitive antiarrhythmic agent that is also receptors.
Pyrethrum extract ~25% (pyrethrin I)	
Quinidine anhydrous	Class IA antiarrhythmic; potassium
Quinidine sulfate salt dihydrate	Class IA antiarrhythmic; potassium
Sodium/Potassium Channel Modulators Ligand Set ligand set for potassium/ sodium channel modulators, exchangers, cotransporters, ionophores and ion pumps	
Tetrodotoxin powder	Reversible, selective blocker of propagation of impulses in excitation; characterize sodium channels; study the role of sodium channel disease.
Tetrodotoxin ~99% (HPLC), powder	Reversible, selective blocker of propagation of impulses in excitation; characterize sodium channels; study the role of sodium channel disease.
Tocainide hydrochloride $\geq 98\%$ (HPLC), solid	Tocainide hydrochloride is a sodium antiarrhythmic.
Tolperisone hydrochloride $\geq 98\%$ (HPLC), solid	Tolperisone is an ion channel muscle relaxant.
Triamterene $\geq 99\%$	Weak diuretic with potassium reuptake in the kidneys.
UCL 2077 $\geq 98\%$ (HPLC), solid	UCL 2077 is a slow afterhyperpolarization blocker.
Veratridine $\geq 90\%$ (HPLC), powder	Opens voltage-dependent Na ⁺ inactivation. This, in turn, opens channels, thus increasing intracellular inducing neurotransmitter release depolarizes excitable tissue; increases sodium permeability. Veratridine <i>in vitro</i> .

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